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IS 7475 (1992): Obstetrics Instruments - Clamp, vaginal, angled - Shape and dimensions [MHD 3: Obstetric and Gynaecological Instruments and Appliances]



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“Knowledge is such a treasure which cannot be stolen”

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भारतीय मानक
प्रसूति सम्बन्धी उपकरण — वैजिना के लिए कोणीय
क्लैप — आकृति एवं आयाम
(पहला पुनरीक्षण)

Indian Standard

OBSTETRIC INSTRUMENTS — CLAMP,
VAGINAL, ANGLED — SHAPE AND
DIMENSIONS

(First Revision)

UDC 615.472.2 : 618.15-089-72

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
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Price Group 1

FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Obstetric and Gynaecological Instruments and Appliances Sectional Committee, had been approved by the Medical Equipment and Hospital Planning Division Council.

This standard was first published in 1974 and has been revised to¹ cover the requirements in respect of shape and dimensions only, as the specification part of these types of instruments is covered in IS 3642 (Part 1) : 1990 'Surgical instruments — Specification: Part 1 Non-cutting articulated instruments (*second revision*)'. This standard is, therefore, intended to be used only in respect of shape and dimensions which are referred to in clause 4.1 of IS 3642 (Part 1) : 1990.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of specified value in this standard.

Indian Standard

OBSTETRIC INSTRUMENTS — CLAMP, VAGINAL, ANGLED — SHAPE AND DIMENSIONS

(First Revision)

1. SCOPE

1.1 This standard prescribes shape and dimensions for angled vaginal clamp used in obstetrics.

2 REFERENCE

2.1 The Indian Standard IS 3642 (Part 1) : 19 0 'Surgical Instruments — Specification: Part 1 Non-cutting articulated instruments (*second revision*)' forms a necessary adjunct to this standard.

3 SHAPE AND DIMENSIONS

3.1 The shape and dimensions for the angled vaginal clamp shall be as shown in Fig. 1.

3.2 Joints

The joints shall be screw type in accordance with 13.2 of Section 3 of IS 3642 (Part 1) : 1990.

3.3 Serrations

The serrations shall conform to the requirements as given in Section 2 of IS 3642 (Part 1) : 1990. The pitch and depth of the serrations shall be as given in Fig 1. The serrations shall be truncated at 60° to the axis of the jaws.

3.4 Ratchet

Ratchet teeth shall conform to Section 4 of IS 3642 (Part 1) : 1990 with combination of 3 in 3.

3.4.1 The load required to close the clamp on first, second and third ratchet shall be $250 \pm 25\text{g}$, $500 \pm 25\text{g}$, and $750 \pm 25\text{g}$, respectively.

3.5 Finger Loops

The finger loops shall conform to size No. 2 of Section 6 of IS 3642 (Part 1) : 1990.

All dimensions in millimetres.

2

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BUREAU OF INDIAN STANDARDS

Headquarters:

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002
Telephones : 331 01 31, 331 13 75

Telegrams : Manaksanstha
(Common to all Offices)

Regional Offices :

	Telephone
Central : Manak Bhavan, 9 Bahadur Shah Zafar Marg NEW DELHI 110002	{ 331 01 31 331 13 75
Eastern : 1/14 C. I. T. Scheme VII M, V. I. P. Road, Maniktola CALCUTTA 700054	{ 37 84 99, 37 85 61, 37 86 26, 37 85 62
Northern : SCO 445-446, Sector 35-C, CHANDIGARH 160036	{ 53 38 43, 53 16 40, 53 23 84
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